The first term that the first term to the first

ABSTRACT OF THE DISCLOSURE

1	In a communications network formed by routers interconnected by
2	parallel component links, hello packets are exchanged between neighbor
3	routers at intervals to know each other in a learning process and update their
4	status. Each router groups the parallel component links into a bundled link
5	according to a link-up or link-down request and produces a first database
6	mapping the relationships between component links and bundled links. The
7	router performs routing calculations according to a link state routing
8	algorithm using the bundled link as a unit of transmission medium and
9	produces a second database mapping relationships between destination
10	addresses and bundled links. The first and second databases are downloaded
11	to interface units connected to the parallel component links. When a data
12	packet is received, the databases are used for translating the header of the
13	data packet for allowing it to be routed through a switch for transmission.